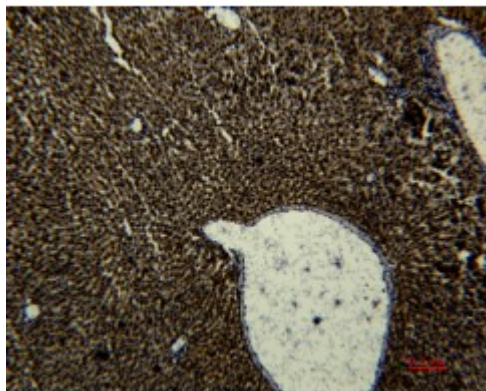


## Anti-Transferrin antibody



|                           |                                                                                                            |
|---------------------------|------------------------------------------------------------------------------------------------------------|
| <b>Description</b>        | Mouse monoclonal to Transferrin (1B12).                                                                    |
| <b>Model</b>              | STJ97548                                                                                                   |
| <b>Host</b>               | Mouse                                                                                                      |
| <b>Reactivity</b>         | Human                                                                                                      |
| <b>Applications</b>       | ELISA, IHC                                                                                                 |
| <b>Immunogen</b>          | Protein                                                                                                    |
| <b>Gene ID</b>            | <a href="#">7018</a>                                                                                       |
| <b>Gene Symbol</b>        | <a href="#">TF</a>                                                                                         |
| <b>Dilution range</b>     | IHC 1:100-200                                                                                              |
| <b>Specificity</b>        | Transferrin Mouse Monoclonal Antibody (1B12) detects endogenous levels of Transferrin                      |
| <b>Tissue Specificity</b> | Expressed by the liver and secreted in plasma.                                                             |
| <b>Purification</b>       | The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen. |
| <b>Clone ID</b>           | 1B12                                                                                                       |
| <b>Note</b>               | For Research Use Only (RUO).                                                                               |
| <b>Protein Name</b>       | Serotransferrin Transferrin Beta-1 metal-binding globulin Siderophilin                                     |
| <b>Clonality</b>          | Monoclonal                                                                                                 |
| <b>Conjugation</b>        | Unconjugated                                                                                               |

|                              |                                                                                                                                                                                                                                                                                                                                                                    |
|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Isotype</b>               | IgG1                                                                                                                                                                                                                                                                                                                                                               |
| <b>Formulation</b>           | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                                                                                                                                                                                                                                            |
| <b>Concentration</b>         | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                            |
| <b>Storage Instruction</b>   | Store at -20°C, and avoid repeat freeze-thaw cycles.                                                                                                                                                                                                                                                                                                               |
| <b>Database Links</b>        | <a href="#">HGNC:11740</a> <a href="#">OMIM:190000</a>                                                                                                                                                                                                                                                                                                             |
| <b>Alternative Names</b>     | Serotransferrin Transferrin Beta-1 metal-binding globulin Siderophilin                                                                                                                                                                                                                                                                                             |
| <b>Function</b>              | Transferrins are iron binding transport proteins which can bind two Fe(3+) ions in association with the binding of an anion, usually bicarbonate. It is responsible for the transport of iron from sites of absorption and heme degradation to those of storage and utilization. Serum transferrin may also have a further role in stimulating cell proliferation. |
| <b>Cellular Localization</b> | Secreted.                                                                                                                                                                                                                                                                                                                                                          |

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